Refine Search

Search Results -

Terms	Documents
overflow same data same bus same (alter$3 or change$3) same mode	63

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
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IBM Technical Disclosure Bulletins

Search: L1

Refine Search

Recall Text | Clear | Interrupt

Search History

DATE: Friday, June 23, 2006 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC; PLUR=YES; OP=OR			
L1	overflow same data same bus same (alter$3 or change$3) same mode	63	L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
overflow same data same bus same (alter$3 or change$3) same mode	11

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
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Search: L2

Refine Search

Recall Text | Clear | Interrupt

Search History

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Set Name side by side	Query	Hit Count	Set Name result set
DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L2	overflow same data same bus same (alter$3 or change$3) same mode	11	L2
DB=PGPB,USPT,USOC; PLUR=YES; OP=OR			
L1	overflow same data same bus same (alter$3 or change$3) same mode	63	L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L1 same (control$4 near10 flow)	6

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L4

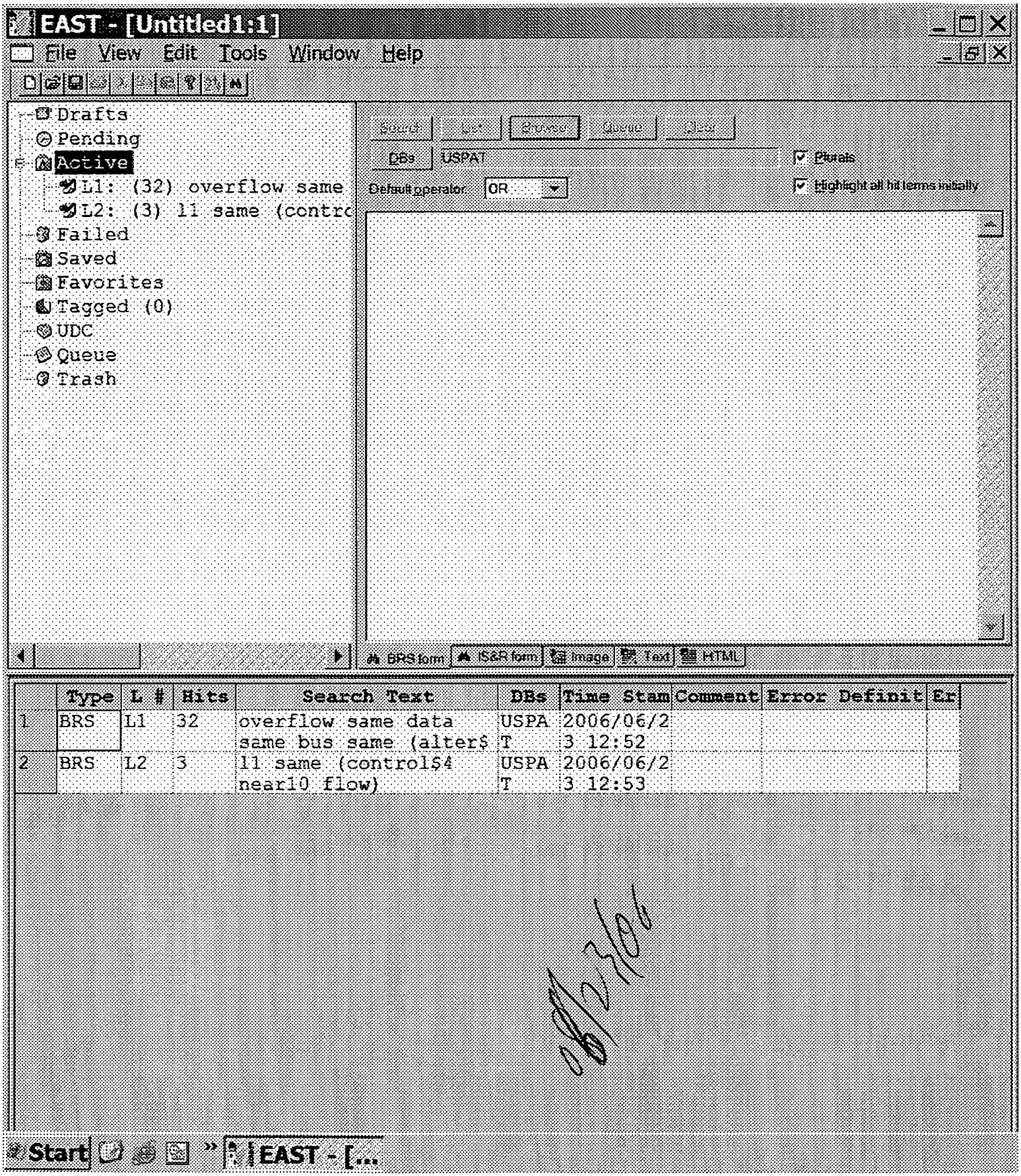
Refine Search | Recall Text | Clear | Interrupt

Search History

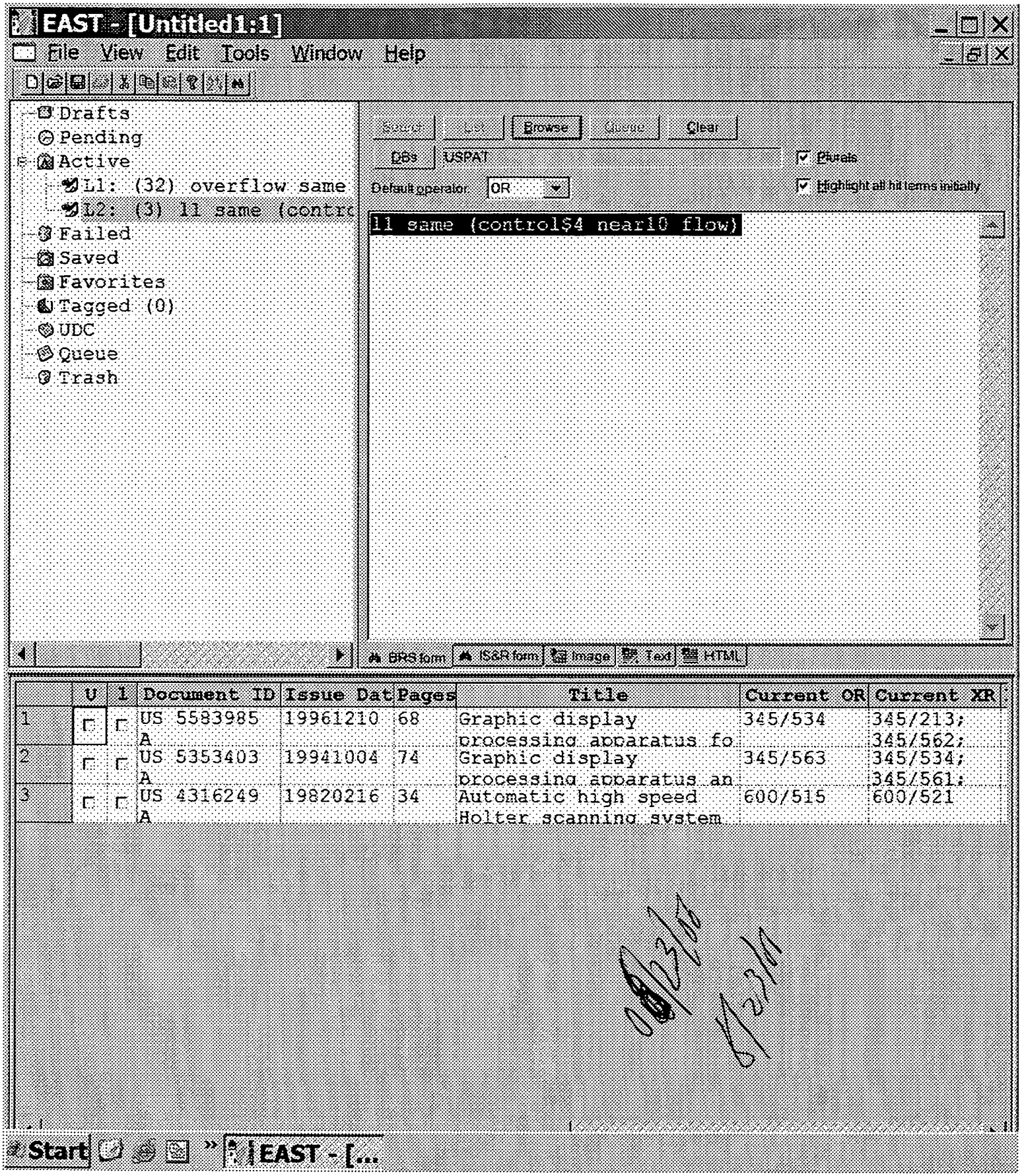
DATE: Friday, June 23, 2006 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC; PLUR=YES; OP=OR			
L4	l1 same (control$4 near10 flow)	6	L4
L3	l1 same (control$4 near5 flow)	6	L3
DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L2	overflow same data same bus same (alter$3 or change$3) same mode	11	L2
DB=PGPB,USPT,USOC; PLUR=YES; OP=OR			
L1	overflow same data same bus same (alter$3 or change$3) same mode	63	L1

END OF SEARCH HISTORY



	Type	L #	Hits	Search Text	DBs	Time Stam	Comment	Error Definit	Er
1	BRS	L1	32	overflow same data same bus same (alter$	USPA T	2006/06/2 3 12:52			
2	BRS	L2	3	11 same (control$4 near10 flow)	USPA T	2006/06/2 3 12:53			


EAST - [Untitled1:1]
File View Edit Tools Window Help
Drafts
Pending
Active
L1: (32) overflow same
L2: (3) l1 same (contr
Failed
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Favorites
Tagged (0)
UDC
Queue
Trash
Search
Edit
Browse
Queue
Clear
DBs
USPAT
Plurals
Default operator
OR
Highlight all hit terms initially
l1 same (control$4 near10 flow)
BRS form
IS&R form
Image
Text
HTML
U
1
Document ID
Issue Dat
Pages
Title
Current OR
Current XR
1
US 5583985 A
19961210
68
Graphic display processing apparatus fo
345/534
345/213; 345/562;
2
US 5353403 A
19941004
74
Graphic display processing apparatus an
345/563
345/534; 345/561;
3
US 4316249 A
19820216
34
Automatic high speed Holter scanning system
600/515
600/521
Start
EAST - [...

Results for "((overflow<in>metadata) <and> (data<in>metadata))<and> (bus<in>..."

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Your search matched **1** of **1360403** documents.

A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

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New Search

Modify Search

((overflow<in>metadata) <and> (data<in>metadata))<and> (bus<in>metadata) Search

Check to search only within this results set

Display Format: Citation Citation & Abstract

» Key

IEEE JNL	IEEE Journal or Magazine
IEE JNL	IEE Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IEE CNF	IEE Conference Proceeding
IEEE STD	IEEE Standard

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1. **Wireless video coding system demonstration**
   Villasenor, J.; Jain, R.; Belzer, B.; Boring, W.; Chien, C.; Jones, C.; Liao, J.; Molloy, S.; Nazareth, S.; Schoner, B.; Short, J.;
   Data Compression Conference, 1995. DCC '95. Proceedings
   28-30 March 1995 Page(s):448
   Digital Object Identifier 10.1109/DCC.1995.515558
   AbstractPlus | Full Text: PDF(116 KB) IEEE CNF
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Wireless video coding system demonstration

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Dept. of Electr. Eng., California Univ., Los Angeles, CA, USA;

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Publication Date: 28-30 March 1995
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Meeting Date: 03/28/1995 - 03/30/1995
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Posted online: 2002-08-06 20:02:26.0

Abstract
Summary form only given. We have developed and present here a prototype point-to-point wireless video system that has been implemented using a combination of commercial components and custom hardware. The coding algorithm being used consists of subband decomposition using low-complexity, integer-coefficient filters, scalar quantization, and run-length and entropy coding. The prototype system consists of the following major components: spread spectrum radio with interface card and driver, compression board, and an NEC laptop and docking station which provide the PC **bus** slots and control. The compression algorithms are implemented on a board with a single 10000-gate FPGA. Prior to implementing the algorithms in hardware, a study was performed to resolve issues of word length and scaling, and to select quantization and run length parameters. It was determined that 16-bit precision in the wavelet transform stage is sufficient to prevent under-low and **overflow** provided that rescaling of **data** is correctly performed. After processing by the FPGA, the compressed video is transferred to the PC for transmission over the radio. A commercial serial card (PI Card) provides a synchronous serial interface to the radio. The serial controller chip used by this card supports several serial protocols and thus the effect of the these protocols on the **data** in a wireless environment can be tested

Index Terms
Inspec

Controlled Indexing

digital filters entropy codes laptop computers microcomputer applications quantisation (signal) runlength codes spread spectrum communication telecommunication computing telecommunication control video coding

Non-controlled Indexing

16 bit FPGA NEC laptop PC bus control PC bus slots coding algorithm compression board docking station driver entropy coding integer-coefficient filters interface card point-to-point wireless video system run-length coding scalar quantization scaling serial controller chip spread spectrum radio subband decomposition synchronous serial interface system demonstration wireless video coding word length

Author Keywords
Not Available

References

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Citing Documents

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